



PATENT
Attorney Docket No. 401297/SOEI

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

NOZAWA et al.

Application No. 09/899,191

Filed: July 6, 2001

For: LENS BARREL

Art Unit: Unknown

Examiner: Unknown

AMENDMENTS TO SPECIFICATION, CLAIMS AND
ABSTRACT MADE VIA PRELIMINARY AMENDMENT

Amendments to existing claims:

1. (Amended) A lens barrel comprising:
a plurality of cylindrical bodies expandable in a multistage fashion;
~~a lens~~ an optical lens system constituted by a plurality of lens groups disposed along
an optical axis, all of said plurality of lens groups being accommodated in a leading
cylindrical body to be ~~expanded~~ extended among said plurality of cylindrical bodies; and
a driving source incorporated in said leading cylindrical body ~~to be expanded~~;
wherein said ~~lens~~ optical lens system comprises at least one fixed lens group secured to said
leading cylindrical body ~~to be expanded~~ and at least one movable lens group movable along
~~said the~~ optical axis upon receiving a driving force of said driving source.
2. (Amended) ~~A~~ The lens barrel according to claim 1, wherein said ~~lens~~ optical lens
system comprises two fixed lens groups, said movable lens group being disposed between
said two fixed lens groups.
3. (Amended) ~~A~~ The lens barrel according to claim 1, further comprising:
a movable lens frame having said movable lens group attached thereto;
a threaded shaft, in mesh with said movable lens frame, ~~installed so as to orient in said~~
oriented along the optical axis of said plurality of lens groups; and
a rotary driving section for supplying a rotary force to said threaded shaft so as to
rotate said movable lens group ~~in said~~ along the optical axis direction.

RECEIVED
SEP 28 2001
TECHNOLOGY CENTER 2800
RECEIVED
TECHNOLOGY CENTER 2800